

CLAIMS

1. A failure detecting device for an elevator drive power source for detecting whether or not there is an abnormality in a charging capacitance of a charge portion serving as a drive power source that drives an actuator for operating a safety device of an elevator, characterized by comprising:

a determination device comprising: a storage portion in which an upper limit and a lower limit of a charging time of the charge portion at a time when the charging capacitance is normal are stored in advance; and a processing portion which can measure the charging time of the charge portion, for detecting whether or not the charging time is between the upper limit and the lower limit.

2. A failure detecting method for an elevator drive power source for detecting whether or not there is an abnormality in a charging capacitance of a charge portion serving as a drive power source that drives an actuator for operating a safety device of an elevator, characterized by comprising the steps of:

measuring a charging period of time until a charging voltage of the charge portion becomes equal to a set voltage when charging the charge portion, by means of a processing portion; and

detecting whether or not the charging time is within a predetermined set range, by means of the processing portion.